

DAFTAR PUSTAKA

- Abe, M., Takaoka, N., Idemoto, Y., Takagi, C., Imai, T., & Nakasaki, K. (2008). Characteristic Fungi Observed In the Fermentation Process For Puer Tea. *International Journal of Food Microbiology* , 199-203.
- Aldridge, A., Bailey, J., & Neims, A. H. (1981). The Disposition of Caffeine During and After Pregnancy. *Semin Perinatol* , 5, 310-314.
- Aranda, J. V., Collinge, J. M., Zinman, R., & Watters, G. (1979). Maturation of Caffeine Elimination In Infancy. *Arch Dis Child* , 54, 946-949.
- Arnaud, M. J., & Welsch, C. (1982). Theophylline and Caffeine Metabolism In Man, In Theophylline and Other Methylxanthines. (Reitbrock N, Woodcock BG & Staib AH eds) , 135-148.
- Blanchard, J., & Sawers, S. J. (1983). Comparative Pharmacokinetics of Caffeine In Young and Elderly Men. *J Pharmacokinet Biopharm* , 11, 109-126.
- Bokuchava, M. A., & Skobeleva, N. I. (1986). *Food Flavours: Part B. The Flavour of Beverages*. Elsevier Science Publisher B. V.
- Bonati, M., Latini, R., Galletti, F., Young, J. F., Tognoni, G., & Garattini, S. (1982). Caffeine Disposition After Oral Doses. *Clin Pharmacol Ther* , 32, 98-106.
- Brazier, J. L., Ritter, J., Berland, M., Khenfer, D., & Faucon, G. (1983). Pharmacokinetics of Caffeine During and After Pregnancy. *Dev Pharmacol Ther* , 6, 315-322.
- Britannica, T. E. (2014, 3 9). *Caffeine*. Retrieved 11 10, 2014, from Encyclopædia Britannica: <http://www.britannica.com/EBchecked/topic/88304/caffeine>
- Bruce, M., & Lader, M. (1986). Caffeine: Clinical and Experimental effects In Humans. *Hum Psychopharmacol* , 1, 63-82.
- Bruin, E. A., Rowson, M. J., Buren, L. V., Rycroft, J. A., & Owen, G. N. (2011). Black Tea Improves Attention and Self-Reported Alertness. *Appetite* , 56, 235-240.
- Caderni, G., Filippo, C. D., Luceri, C., Salvadori, M., Giannini, A., Biggeri, A., et al. (2000). Effects of Black Tea, Green Tea and Wine Extracts On Intestinal

- Carcinogenesis Induced by Azoxymethane in f344 Rats. *Carcinogenesis* , 1965-1969.
- Das, D. N., Ghosh, J. J., Bhattacharyya, K. C., & Guha, B. C. (1965). *J. Appl. Chem* , 15-40.
- Deckert, J., & Gleiter, C. H. (1990). Adenosinergic Psychopharmaceuticals: Just an Extra Cup of Coffe. *J Psychopharmacol* , 4, 183-187.
- Dichiara, G., & Imperato, A. (1988). Drugs Abused by Humans Preferentially Increase Synaptic Dopamine Concentrations In the Mesolimbic System of Freely Moving Rats. *Proc Natl Acad Sci USA* , 85, 5274-5278.
- Dong, F., Yang, Z. Y., He, P. M., & Lin, Z. (2008). Liquid Chromatographic-Mass Spectromet-Ric Analysis of Antioxidant Compounds from Pu-Erh Tea. *Journal of Chinese Institute of Fodd Science and Technology* , 133-141.
- Du, W. H., Peng, S. M., Liu, Z. H., Shi, L., Tan, L. F., & Zou, X. Q. (2012). Hypoglycemic Effect of the Water Extract of Pu-erh Tea. *Journal of Aglicultural and Food Chemistry* , 10126-10132.
- Fagan, D., Swift, C. G., & Tiplady, B. (1988). Effects of Caffeine On Vigilance and Other Performance Tests In Normal Subjects. *J Psychopharmacol* , 2, 19-25.
- Feng, Q., Torii, Y., Uchida, K., Nakamura, Y., Hara, Y., & Osawa, T. (2002). Black Tea Polyphenols, Theaflavins, Prevent Cellular DNA Damage by Inhibiting Oxidative Stress and Suppressing Cytochrome P450 1A1 in Cultures. *Journal of Agriculture and Food Chemistry* , 213-220.
- Ferre, S., Fredholm, B. B., Morelli, M., Popoli, P., & Fuxe, K. (1997). Adenosine-Dopamine Receptor-Receptor Interantions as an Integrative Mechanism In the Basal Ganglia. *Trends Neurosci* , 20, 482-487.
- Fredholm, B. B., Battig, K., Holmen, J., Nehlig, A., & Zvartau, E. E. (1999). Actions of Caffeine In the Brain with Special Reference to Factors That Contribute to Its Widespread Use. *Pharmacological Reviews* , 51, 83-133.
- Frewer, L. J., & Lader, M. (1991). The Effects of Caffeine On Two Computerised Test of Attention and Vigilance. *Hum Psychopharmacol* , 6, 119-128.
- Ganong, W. F. (2003). *Buku Ajar Fisiologi Kedokteran* (9 ed.). Jakarta: EGC.
- Ganong, W. F. (2003). *Buku Ajar Fisiologi Kedokteran* (20 ed.). Jakarta: EGC.

- Guyton, & Hall. (1997). *Buku Ajar Fisiologi Kedokteran* (9 ed.). Jakarta: EGC.
- Henning, S. M., Niu, Y., Lee, N. H., Thames, G. D., Minutti, R. R., Wang, H., et al. (2004). Bioavailability and Antioxidant Activity of Tea Flavanols After Consumption of Green Tea, Black Tea, or a Green Tea Extract Supplement. *Am. J. Clinic. Nutr* , 1558-1564.
- Hou, Y., Shao, W. F., Xiao, R., Xu, K. L., Ma, Z. Z., & Johnstone, B. H. (2009). Pu-Erh Tea Aqueous Extracts Lower Atherosclerotic Risk Factors in a Rat Hyperlipidemia Model. *Experimental Ferontology* , 434-439.
- Hwang, L. S., Lin, L. C., Chen, N. T., Liuchang, H. C., & Shiao, M. S. (2003). Hypolipidemic Effect and Antiatherogenic Potential of Pu-Erh Tea. *ACS Symposium Series* , 87-103.
- Ikeda, G. J., Sapienza, P. P., McGinnis, M. L., Bragg, L. E., Walsh, J. J., & Collins, T. F. (1982). Blood Levels of Caffeine and Results of Fetal Examination After Oral administration of Caffeine to Pregnant Rats. *J Appl Toxicol* , 2, 307-314.
- Imagawa, H., Takino, Y., & Shimizu, M. (1976). *Nippon Shokuhin Kogyo Gakkashi*. 23, 138-144.
- Imagawa, O., Yamano, H., Inoue, K., & Takino, Y. (1979). *Agric. Biol. Chem.* 43, 2337-2342.
- ITIS. (2014). *Camellia sinensis* (L.) Kuntze .Retrieved 11 23, 2014, from ITIS Report:http://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=506801&print_version=PRT&source=to_print
- James, J. E. (1997). *Understanding Caffeine: a Biobehavioral Analysis*. Sage, London.
- Kerr, J. S., Sherwood, N., & Hindmarch, I. (1991). Separate and Combined Effects of the Social Drugs Psychomotor Performance. *Psychopharmacology* , 104, 113-119.
- Khan, S. M., Sobti, R. C., & Kataria, L. (2005). Pesticide-Induced Alteration In Mice Hepato-Oxidative Status and Protective Effects of Black Tea Extract. *Clin Chim Acta* , 131-138.
- Khanna, N. N., & Somani, S. M. (1984). Maternal Coffe Drinking and Unusually High Concentrations of Caffeine In the Newborn. *J Toxicol Clin Toxicol* , 22, 473-483.

- Kimmel, C. A., Kimmel, G. L., White, C. G., Grafton, T. F., Young, J. F., & Nelson, C. J. (1984). Blood Flow Changes and Conceptual Development In Pregnant Rats In Response to Caffeine. *Fundam Appl Toxicol* , 4, 240-247.
- Knutti, R., Rothweiler, H., & Schlatter, C. (1981). Effect of Pregnancy On the Pharmacokinetics of Caffeine. *Eur J Clin Pharmacol* , 21, 121-126.
- Liang, Y. R., Zhang, L. Y., & Lu, J. L. (2005). A Study on Chemical Estimation of Pu-Erh Tea Quality. *Journal of the Science of Food and Agriculture* , 381-390.
- Lieberman, H. R., Wurtman, R. J., Emde, G. G., & Coviella, I. L. (1987). The Effects of Caffeine and Aspirin On Mood and Performance. *J Clin Psychopharmacol* , 7, 315-320.
- Lin, J. K., Lin, C. L., Liang, Y. C., Lin-Shiau, S. Y., & Juan, I. M. (1998). Survey of Catechins, Gallic Acid, and Methylxanthines in Green, Oolong, Pu-Erh, and Black Teas. *Journal of Aglicultural and Food Chemistry* , 3635-3642.
- Lin, Z., Lv, H. P., Cui, W. R., She, G. M., Zhang, Y. J., & Yang, C. R. (2006). Study on Antioxidative Polyphenol Compound in Pu'Er Tea. *Journal of Tea Science* , 112-116.
- Luceri, C., Caderni, G., Sanna, A., & Dolaro, P. (1376-1379). Red Wine and Black tea Polyphenols Modulate the Expression of Cyclooxygenase-2, Inducible Nitric Oxide Synthase and Glutathione-Related Enzymes In Azoxymethane-Induced f344 Rat Colon Tumors. *J. Nutr.* , 2002.
- Lv, H. P., Lin, Z., Zhong, Q. S., & Wang, L. (2010). Study On the Chemical Component of E8 Fraction From Pu-Erh Tea. *Journal of Tea Science* , 423-428.
- Lv, H. P., Zhang, Y. J., Lin, Z., & Liang, Y. R. (2013). Processing and Chemical Constituents of Pu-Erh Tea. *Food Research International* , 608-618.
- Majumder, A. B., Bera, B., & Rajan, A. (2010). Tea Statistics: Global Scenario. *Inc. J. Tea Sci.* , 121-124.
- Medina, J. H., Viola, H., Wolfman, C., Marder, M., Wasowski, C., Calvo, D., et al. (1997). Flavanoids: a New Family of Benzodiazepine Receptor Ligands. *Neurochem Res* , 22, 419-425.

- Mok, P., Chang, R. C., Wang, M. F., & So, K. F. (2008). A Review On the Laboratory Investigations and Epidemiological Studies of Black and Pu-Erh Tea. *Dietary Supplements, ACS Symposium Series* , 987, 144-159.
- Negishi, O., Ozawa, T., & Imagawa, H. (1985). *Agric. Biol. Chem.* 49, 887-890.
- Negishi, O., Ozawa, T., & Imagawa, H. (1988). *Agric. Biol. Chem.* 52, 169-175.
- Negishi, O., Ozawa, T., & Imagawa, H. (1992). *Biosci. Biotech. Biochem.* 56, 499-503.
- Nelson, A. P., & Gilbert, S. (2005). *The Harvard Medical School Guide to Achieving Optimal Memory*. New York: McGraw Hill.
- Parmar, N., Mukesh, R., & Vijay, J. K. (2012). *Camellia Sinensis. Global Journal of Pharmacology* 6 , 52-59.
- Patwardhan, R. V., Desmond, P. V., Johnson, R. F., & Schenker, S. (1980). Impaired Elimination of Caffeine by Oral Contraceptive Steroids. *J Lab Clin Med* , 95, 603-608.
- Peterson, J., Dwyer, J., Bhagwat, S., Haytowitz, D., Holden, J., & Eldridge, A. L. (2005). Major Flavonoid In Dry Tea. *Journal of Food Composition and Analysis* , 487-501.
- Pons, L., Trenque, T., Bielecki, M., Moulin, M., & Poitier, J. C. (1988). Attentional Effects of Caffeine In Man, Comparison with Drugs Acting Upon Performance. *Psychiatry Res* , 23, 329-333.
- Pontieri, F. E., Tanda, G., & Di Chiara, G. (1995). Intravenous Cocaine, Morphine, and Amphetamine Preferentially Increase Extracellular Dopamine In the "Shell" as Compared with the "Core" of the Rat Nucleus Accumbens. *Proc Natl Acad Sci USA* , 92, 12304-12308.
- Pontieri, F. E., Tanda, G., & Di Chiara, G. (1995). Intravenous Cocaine, Morphine, and Amphetamine Preferentially Increase Extracellular Dopamine In the "Shell" as Compared with the "Core" oh the Rat Nucleus Accumbens. *Proc Natl Acad Sci USA* , 92, 12304-12308.
- Priguna, S. (2005). *Tata Pemeriksaan Klinis Dalam Neurologi*. Jakarta: Dian Rakyat.
- Qian, Z. M., Guan, J., Yang, F. Q., & Li, S. P. (2008). Identification and Quantification of Free Radical Scavengers in Pu-Erh Tea by HPLC-DAD-MS Coupled Online with 2,2'-Azinobis (3-ethylbenzthiazolinesulfonic acid)

- Diammonium Salt Assay. *Journal of Agricultural and Food Chemistry* , 11187-11191.
- Quinlan, P., Lane, J., & Aspinall, L. (1997). Effect of Hot Tea, Coffe and Water Ingestion On Physiological Responses and Mood: The Role of Caffeine, Water and Beverage Type. *Psychopharmacology* , 134, 887-892.
- Quirk, R. (2001). *Longman Dictionary of Contemporary English 3rd Edition*. Edinburg: Tearson Education Limited.
- Ramachandran, V. S. (2002). *Encyclopedia of The Human Brain Volume 4*. New York: Academic Press.
- Reid, P. G., Watt, A. H., Penny, W. J., Newby, A. C., Smith, A. P., & Routledge, P. A. (1991). Plasma Adenosine Concentrations During Adenosine-Induced Respiratory Stimulation In Man. *Eur J Clin Pharmacol* , 40, 175-180.
- Robert, E. A., Wodd, D. J., & Wight, W. (1958). *New Phytologist*. 57, 211-225.
- Rogers, P. J., Richardson, N. J., & DERNONCOURT, C. (1994). Caffeine use: is There a Net Benefit for Mood and Psychomotor Performance. *Neuropsychobiology* , 31, 195-199.
- Ryan, & Lee. (2002). Caffeine Reduces Time-of-Day Effect on Memory Performance in Older adult. *Journal of the American Psychological Society* , 13, 8-71.
- Sakagami, H., & Satoh, K. (1997). Prooxidant Action of Two Antioxidants: Ascorbic Acid and Gallic Acid. *Anticancer Research* , 221-224.
- Sarkar, A., & Bhaduri, A. (2001). Black Tea is A Powerful Chemopreventor of Reactive Oxygen and Nitrogen Species: Comparison With Its Individual Catechin Constituents and Green Tea. *Biochem Biophys Res Commun* , 173-178.
- Satyanegara. (2010). *Ilmu Bedah Saraf* (4 ed.). Jakarta: PT Gramedia Pustaka Utama.
- Setyamidjaya, D. (2000). *Teh. Budidaya dan Pengelolaan Pascapanen*. Yogyakarta: Kanisius.
- Shao, W. F., Powell, C., & Clifford, M. N. (1995). The Analysis by HPLC of Green, Black, and Pu'Er Teas Produced in Yunnan. *Journal of the Science of Food and Agriculture* , 535-540.

- Sharangi, A. B. (2009). Medicinal and therapeutic potentialities of tea (*Camellia sinensis* L.). *Food Research International* , 529-535.
- Sharangi, A. B., Siddiqui, M. D., & Avina, J. E. (2014). Black Tea Magic: Overview of Global Research on Human Health and. *Journal of Tea Science Research* , 4-11.
- She, G. M., Cheng, K. K., Zhang, Y. J., & Yang, C. R. (2007). The Occurrence of 8-Oxocaffeine and Pyrimidine Alkaloids In Pu-Er Ripe Tea. *Acta Botanica Yunnanica* , 713-716.
- Solinas, M., Ferre, S., You, Z. B., Kubicha, M. K., Popoli, P., & Goldberg, S. R. (2002). Caffeine Induces Dopamine and Glutamate Release in the Shell of the Nucleus Accumbens. *The Journal of Neuroscience* , 22, 6321-6324.
- Song, J., Xu, H., iu, F., & Feng, L. (2012). Tea and Cognitive Health In Late Life: Current Evidence and Future Directions. *J. Nutrition, Health Ageing* , 16, 31-34.
- SpringTeaUSA. (2014). *Tea Information*. Retrieved 11 10, 2014, from S tea: http://www.springteausa.com/en/tea_info.html
- Suzuki, T., & Takahashi, E. (1975). *Biochem. J.* 146, 87-96.
- Suzuki, T., & Takahashi, E. (1976). *Phytochemistry.* 15, 1235-1240.
- Takino, Y., Imagawa, H., & Shishido, K. (1972). *Nippon Shokuhin Kogyo Gakkaishi.* 213-218.
- Toyoda, M., Tanaka, K., Hoshino, K., Akuyama, H., Tanimura, A., & Saito, Y. (1997). Profiles of Potentially Antiallergic Flavonoids iIn 27 Kinds of Health Tea and Green Tea Infusions. *Journal of Agricultural and Food Chemistry* , 2561-2564.
- Ukra, M. (2011). *The Miracle of Tea*. Jakarta: Mizan Publika Publishing House.
- Wang, D., Xiao, R., Hu, X. T., Xu, K. L., Hou, Y., & Zhong, Y. (2010). Comparative Safety Evaluation of Chinese Pu-Erh Green Tea Extract and Pu-Erh Black Tea Extract in Wistar Rats. *Journal of Agricultural and Food Chemistry* , 1350-1358.
- Wang, Q. P., Gong, J. S., & Qiu, S. S. (2010). Relationship Between Color Change and Quality of Pu-Erh Tea During Fermentation. *Transactions of the Chinese Society of Agricultural Engineering* , 394-399.

- Wang, S. M., Kadota, S., Liu, Z. Q., & Liu, S. Y. (2005). Study On the Anti-Free Radical Compounds In Toucha (*Camellia sinensis* var. *assamica*). *Natural Product Research and Development* , 131-137.
- Wibowo, D. S. (2008). *Neuroanatomi untuk Mahasiswa Kedokteran*. Malang: Bayumedia.
- Wise, R. A., & Bozarth, M. A. (1987). A Psychomotor Stimulant Theory of Addiction. *Psychol Rev* , 94, 469-492.
- Woolson, R. F., & Clarke, W. R. (2002). *Statistical Method for the Analysis of Biomedical Data* (2 ed.). New York: A Hojn Wiley & Sons, Inc. Publication.
- Wurzner, H. P. (1988). Action Du Cafe Sur Les Performances Humaines. *Cafe Cacao The* , 1, 49-56.
- Xie, G. X., Ye, M., Wang, Y. G., Ni, Y., Su, M. M., & Huang, H. (2009). Characterization of Pu-Erh Tea Using Chemical and Metabolic Profiling Approaches. *Journal of Agricultural and Food Chemistry* , 3046-3054.
- Yang, D. J., & Hwang, L. S. (2006). Study On the Conversion of Three Natural Statins From Lactone Forms to Their Corresponding Hydroxy Acid Forms and Their Determination In Pu-Erh Tea. *Journal of Chromatography* , 277-284.
- Zabar, Y., Penney, D., & Macaulay, C. (2012). In *Netter's Neurology* (2 ed.). Elsevier Saunders.
- Zhang, L. Z., Wang, D. L., Chen, W. X., Tan, X. D., & Wang, P. C. (2012). Impact of Fermentation Degree on teh Antioxidant Activity of Pu-Erh Tea in vitro. *Journal of Food Biochemistry* , 262-267.
- Zhang, L., Li, N., Ma, Z. Z., & Tu, P. F. (2011). Comparison of the Chemical Constituents of Aged Pu-Erh Tea, Ripened Pu-Erh Tea, and Other Teas Using HPLC-DAD-ESI-MSn. *Journal of Agricultural and Food Chemistry* , 8754-8760.
- Zhao, M., Ma, Y., Wei, Z. Z., Yuan, W. X., Li, Y. L., & Zhang, C. H. (2011). Determination and Comparison of GABA Content In Pu-Erh and Otehr Types of Chinese Tea. *journal of Agricultural and Food Chemistry* , 3641-3648.

- Zhu, H. T., Yang, C. R., Li, Y., & Zhang, Y. J. (2008). Advances on the Research of Microbes During the Post-Fermentative Process of Pu-Erh Tea. *Acta Botanica Yunnanica* , 1-7.
- Zou, Y. L., Dong, B. S., Zhang, F. Q., He, M., Li, C., & Ou, L. C. (2009). Chemical Constituents of Pu-Erh Tea . *Yunnan Chemical Technology* , 10-13.
- Zwyghuizen, D. A., Roehrs, T. A., Lipschutz, L., Timms, V., & Roth, T. (1990). Effects of Caffeine On Allertness. *Psychopharmacology* , 100, 36-39.